

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,089,342 B2  
APPLICATION NO. : 10/772376  
DATED : August 8, 2006  
INVENTOR(S) : Arai et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On The Title Page

Related U.S. Application Data

Item (63) Continuation of application No. 10/160,022, filed on Jun. 4, 2002, which is a continuation of U.S. application Ser. No. 09/732,292, filed Dec. 8, 2000, now U.S. Pat. No. 6,513,088, issued Jan. 28, 2003, which is a continuation of U.S. application Ser. No. 09/265,363, filed Mar. 10, 1999 now U.S. Pat. No. 6,247,090, which is a continuation of U.S. application Ser. No. 08/833,346, filed Apr. 4, 1997, now U.S. Pat. No. 5,887,147, issued Mar. 23, 1999, which is a continuation of U.S. application Ser. No. 08/598,903, filed Feb. 9, 1996, now U.S. Pat. No. 5,652,845, issued Jul. 29, 1997, which is a continuation of U.S. application Ser. No. 08/190,848, filed Feb. 3, 1994, now abandoned.

Column 1 lines 7-22 should read,

This is a continuation of U.S. application Ser. No. 10/160,022, filed Jun. 4, 2002, which is a continuation of U.S. application Ser. No. 09/732,292, filed Dec. 8, 2000, now U.S. Pat. No. 6,513,088, which is a continuation of U.S. application Ser. No. 09/265,363, filed Mar. 10, 1999 now U.S. Pat. No. 6,247,090, which is a continuation of U.S. application Ser. No. 08/833,346, filed Apr. 4, 1997, now U.S. Pat. No. 5,887,147, issued Mar. 23, 1999, which is a continuation of U.S. application Ser. No. 08/598,903, filed Feb. 9, 1996, now U.S. Pat. No. 5,652,845, issued Jul. 29, 1997, which is a continuation of U.S. application Ser. No. 08/190,848, filed Feb. 3, 1994, now abandoned, the subject matter of which is incorporated by reference herein, and which is related to U.S. application Ser. No. 10/160,056, filed Jun. 4, 2002, and U.S. application Ser. No. 09/732,291, filed Dec. 8, 2000, now U.S. Pat. No. 6,549,970.

This certificate supersedes the Certificate of Correction issued April 1, 2008.

Signed and Sealed this

Sixth Day of May, 2008



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*